

STORAGE BUILDING ASSEMBLY MANUAL

Model # 5010023P

W15.25xL30.5xH7m



5010023P PARTS LIST :W15.25xL30.5xH7m

Part	Description	Qty.
1	Top roof tube	9 groups
1A	Top roof tube in the front and back door	2 groups
2	Roof curving tube	18 groups
2A	Roof curving tube in the front and back door	4 groups
3	Roof lower curving tube	18 groups
3A	Roof lower curving tube in the front and back door	4 groups
4	Shoulder tube	18
4A	Shoulder tube in the front and back door	4
5	Upright	22
6	Purlin	130
7	Base plate for sidewall upright	18
7A	Base plate for corners on the left	2
7B	Base plate for corners on the right	2
7C	Ratchet with screw	28
8	Base plate for mechanical door	4
9	Base plate for front and back wall	4
10L	Lower door track for front and back door at left	2
10R	Lower door track for front and back door at right	2
11L	Upper door track for front and back door at left	2
11R	Upper door track for front and back door at right	2
12	Door beam on both doors	4
12A	Vertical support tube for door beam	2
13	Lower upright on both doors at left	2
13A	Lower upright on both doors at right	2

14	Upper upright on both doors	4
15	Rail on both doors	8
15A	Shoulder rail at side on both doors	4
15B	Middle rail at side on both doors	4
16	Tube to be used connecting mechanical wheel	2
17	Steel wire for sidewall	20
18	Clip for Steel wire and front and back door	74
18A	Iron triangle for Fixed steel wire rope	10
19	Steel wire on top	24
19A	Vertical steel wire for Top	9 groups
20	Bottom tension tube of front and back door	8
21	Stake peg	108
22	Tension tube	2 groups
23	12X30 bolt for tubes and both doors	418
24	10X90 Bolt for purlin and both doors	163
24A	10x90 screw tubes for both doors	34
24B	10x60 screw tubes	10
25	Tubes for doors	14 groups
26	Mechanical wheel	2
27	32mm Plastic cap	20
28	Rope	2
29	Tools	2
30	Band for tie down ratchet	22
31	PVC tube	4 groups
32	10X30mm Bolt	32
33	Small ratchet	14

34	Roof cover	2
35	Front and back door cover	2
36	Base plate for fixing roof cover	2
37	12*100mm Bolt for upright on both doors	8

SPECIFICATION

Width: 15.25m

Length: 30.5m

Height: 7m

The net size of Front and Back Door: W5.5m x H4.88m

IMPORTANT-----READ MANUAL FIRST

Improper site preparation, Assembly and Maintenance may invalidate warranty and cause unnecessary and costly mistake. If you have any questions contact your local dealer.

For User Friendly assembly we have identified each individual component with the part code as indicated in the parts list. Please refer to the part code numbers and drawing to ensure problem free assembly.

It's necessary to tighten the roof fabric enough to avoid "hammocks" on the roof and also re-tighten once or twice again after a few months of use. This is important when assembly in cold weather (autumn and winter) because the fabric is stiff then and when we got the sun and warm weather afterwards it will make the fabric "slack" again and need to be re-tighten before next winter.

It's the owners responsibility to take of snow immediately if not slide off by itself.

READ ALL INSTRUCTIONS BEFORE ASSEMBLY

1. Keep work area clean. Cluttered areas invite injuries. Do not set up near snow drifts, in slippery places, in high winds, or wet location.
2. Keep children away. All children should be kept away from the work area.
3. Don't over reach. Keep proper footing and balance at all times.
4. Do not assemble in under the influence of alcohol or drugs. Read warning labels on prescriptions to determine if your judgment or reflexes are impaired while taking drugs. If there is any doubt, do not assemble.
5. Be aware of possible windy conditions; fasten the bases in concrete if these conditions are likely to occur. Remove the cover during hurricane.
6. Be careful with power and heat sources. Do not keep heat sources near the tarpaulin. Do not expose to open flame.
7. Be aware of personal safety during assembly and use. Be careful not to pinch fingers with clips and tubes when assembling: when using makes sure there is adequate ventilation for exhaust and other dangerous fumes.

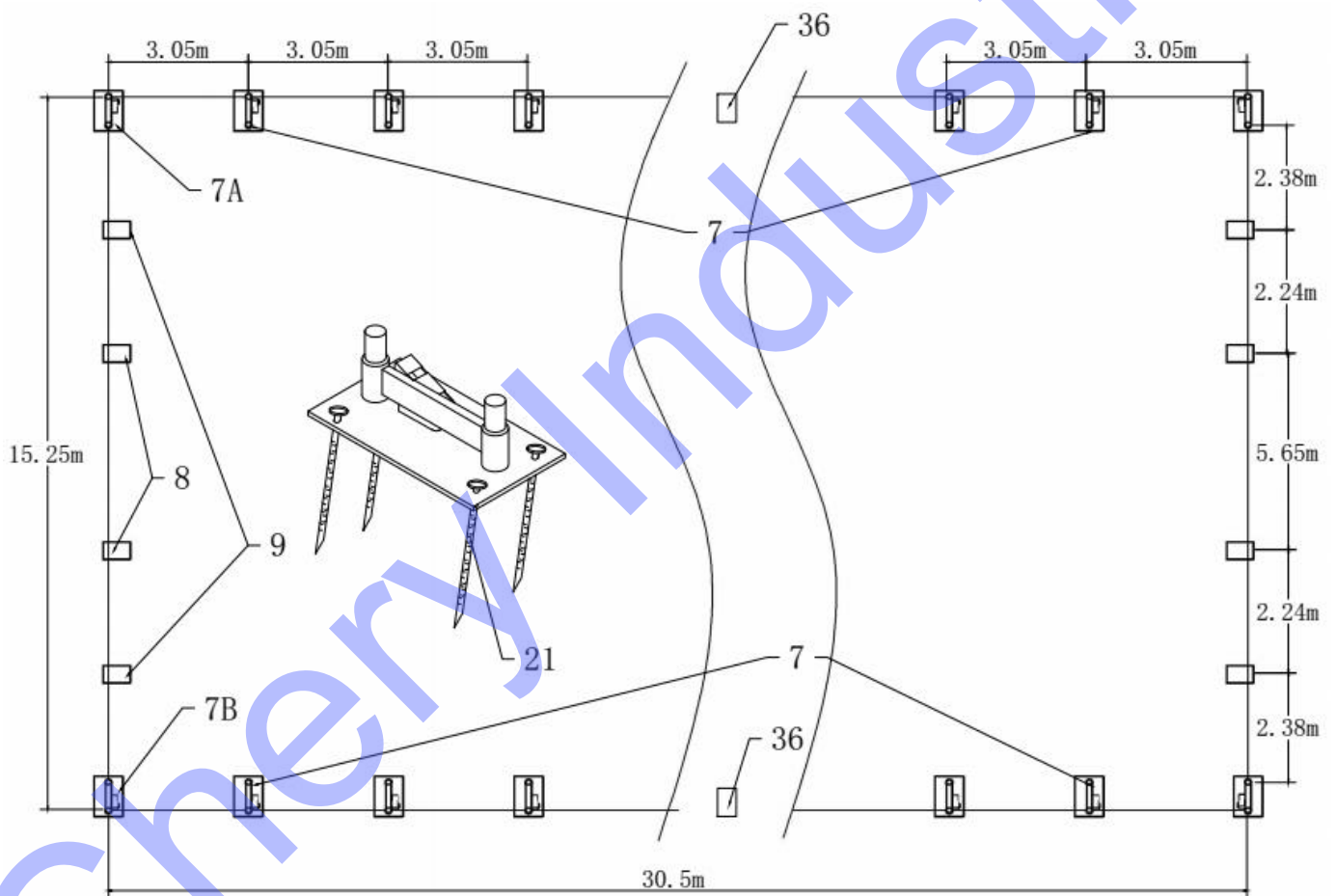
EQUIPEMNT AND TOOLS FOR INSTALIATION

1. Measuring tape
2. Crane
3. String for alignment
4. Step ladder
5. Welder
6. Sledge hammer
7. Wrench
8. Scissors

INSTALLATION PROCESS

A—BASE PLATES INSTALLATION

Please refer to the diagram (Base Plate Figure) to place the base plates.



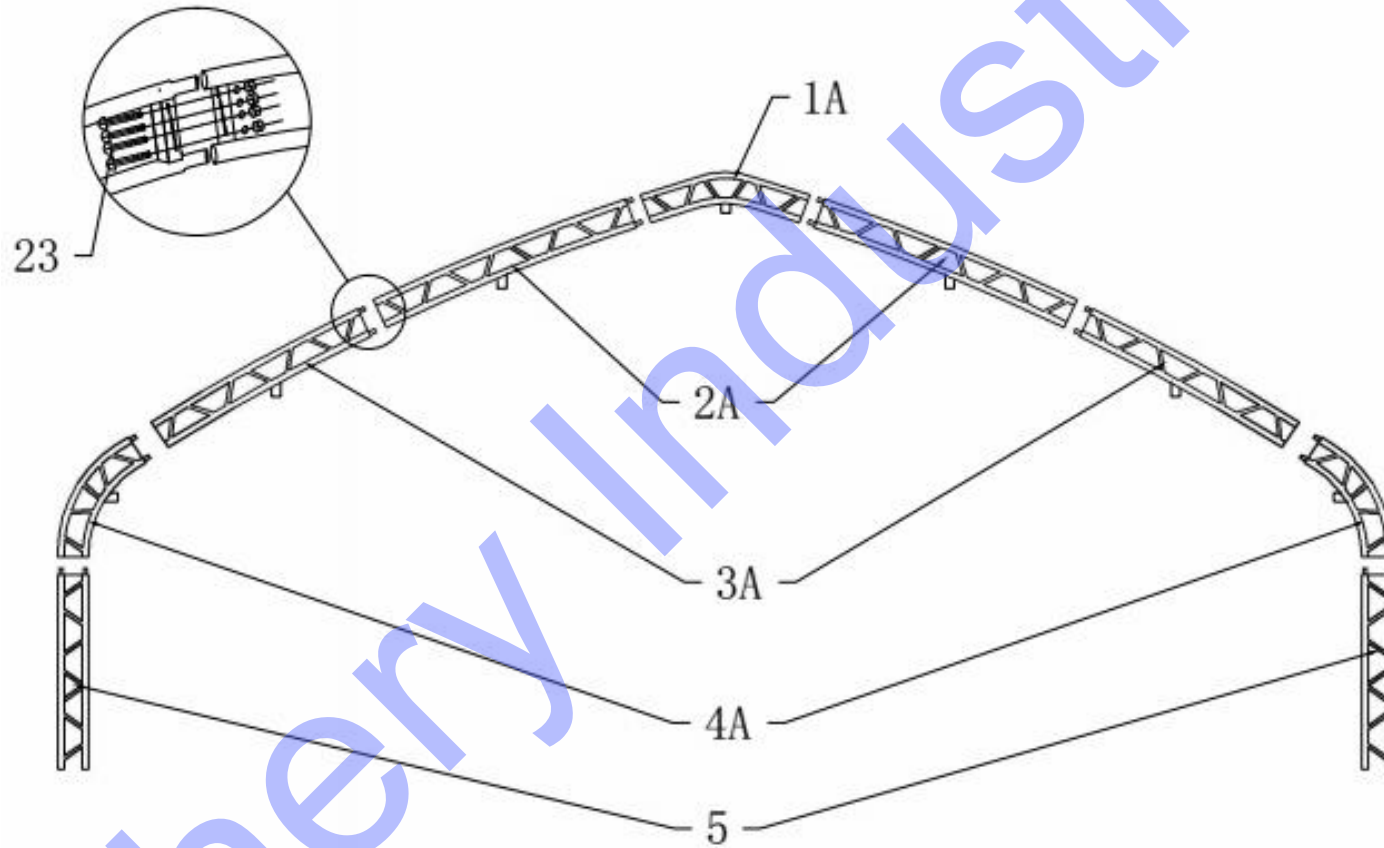
Base Plate & Stake Peg Figure (Unit: mm)

1. The measure is from center to center of the tubes. Referring to the above diagram and confirm the place of the base plates. ENSURE THAT THE FOUNDATIONS IS SQUARE.
2. There are four holes on the Base Plates, please using stake Pegs (No.21). THUS ALL BASE PLATES ARE SECURED.

Note: The Stake Pegs apply for normal conditions, not suitable to the rock ground, frozen soil and concrete group.

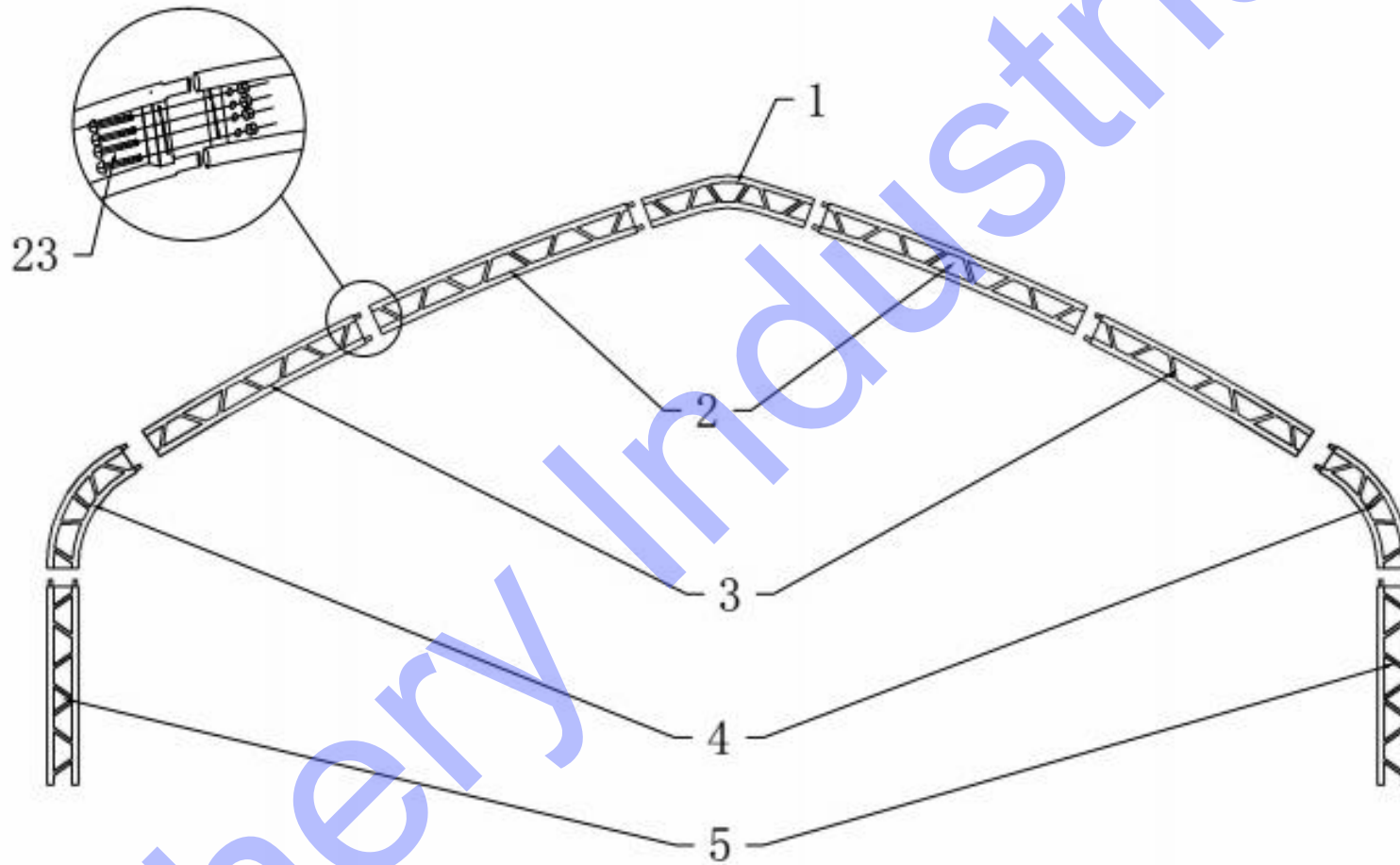
B—MAIN FRAME INSTALLATION

1. (Part No. 1A*1+No.2A*2+No.3A*2+No.4A*2 + No.5*2) As **Front and Back Door Frame** shown to find one piece of Roof curving tube for doors (No.1A), two pieces of Roof curving tube in the front and back door (No. 2A), two pieces of Lower roof curving tube in the front and back door (No.3A), two pieces of Shoulder tube in the front and back door (No. 4A) and two pieces of Upright (No.5). Connect them by using Screw M12*50mm (No. 23), which makes the first group of front door arch frame.



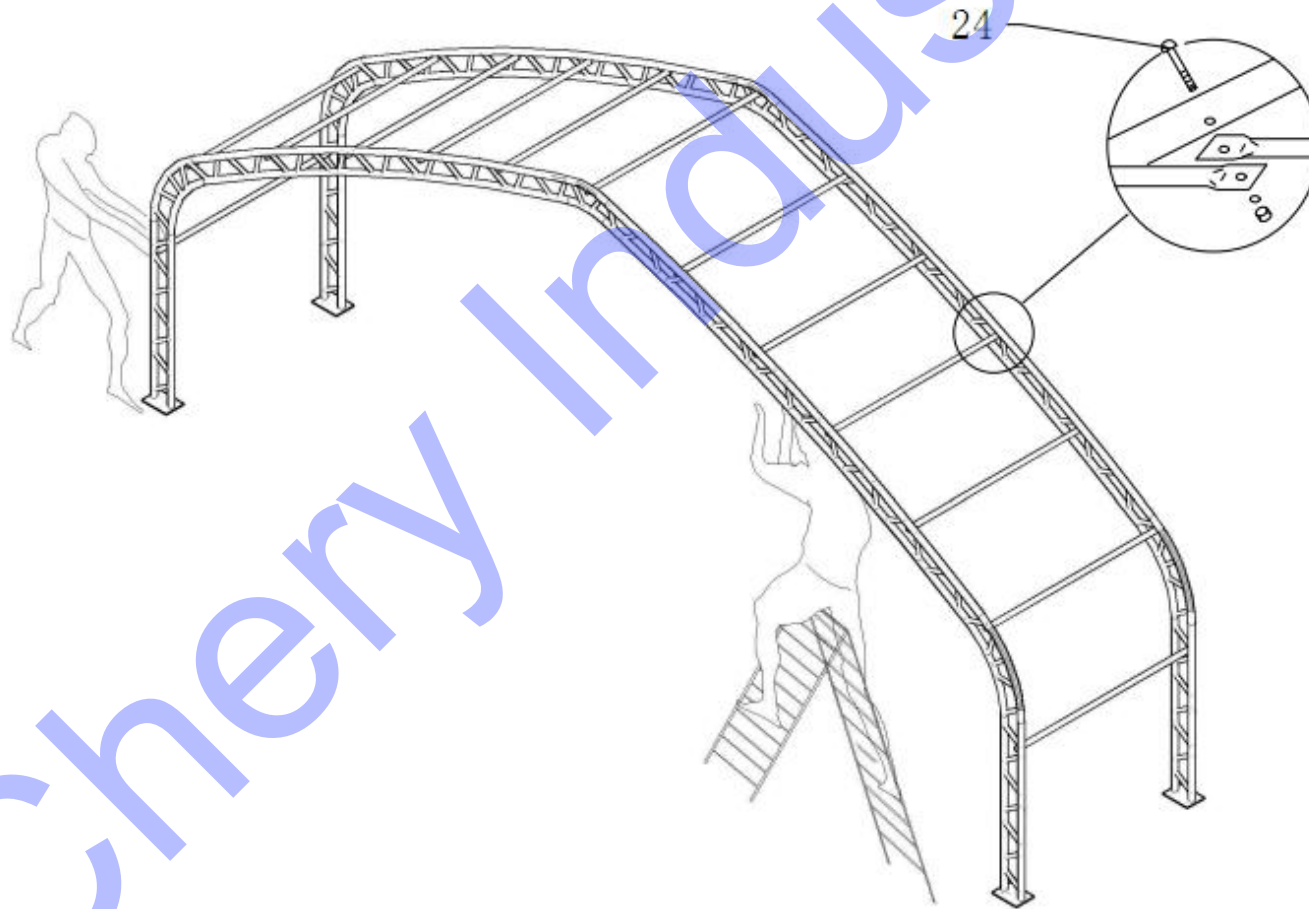
Front and Back Door frame/ Arch Frame

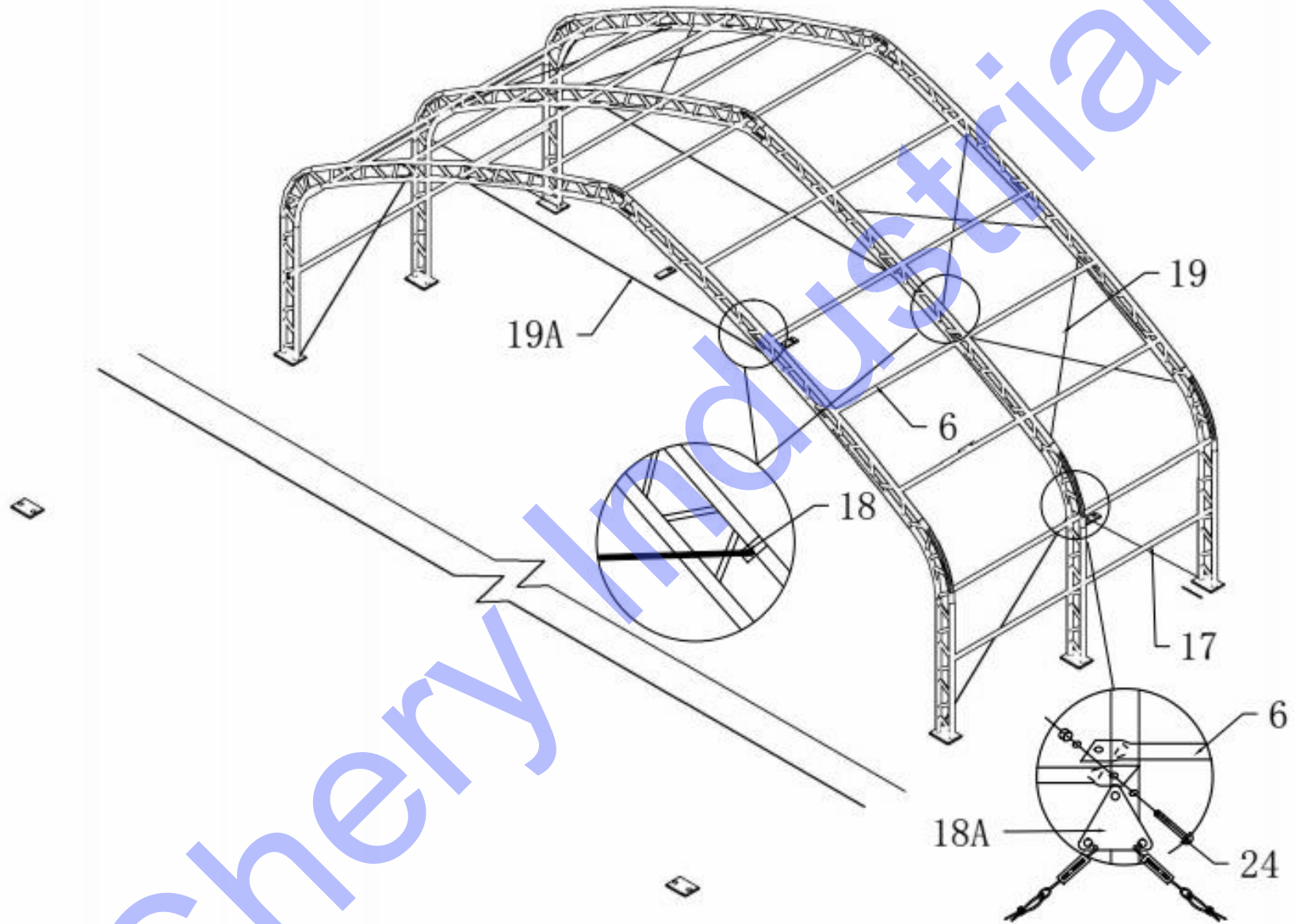
2. (Part No. 1*1+No.2*2+No.3*2+No.4*2+No.5*2) As the Figure above shown to find one piece of Roof curving tube (No.1), two pieces of Roof curving tube (No. 2), two pieces of Lower roof curving tube (No.3), two pieces of Shoulder tube (No. 4) and two pieces of Upright (No.5). Connect them by using Screw M12*50mm (No. 23).

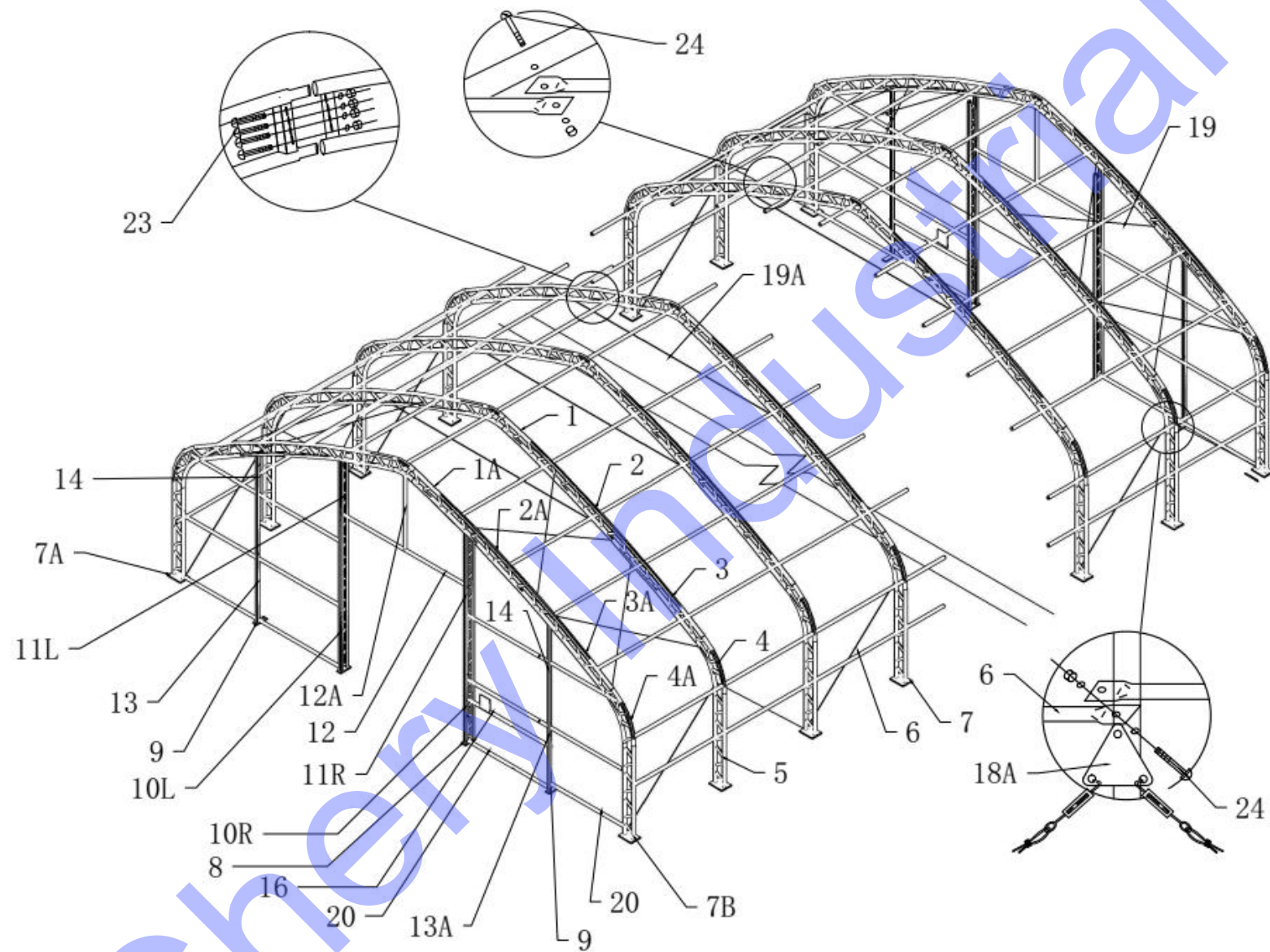


Middle Arch Frame

3. Connect them by using Screw M12*50mm (No. 23), which makes the second group arch frame. By turns, install the other groups of arch frame like it. There are total 11 groups of arch frame.
4. Put the first group of arch frame into the base plates like the Figure shows, by using M12*50mm (No. 23). Then install the second group into the next pair of base plates.
5. After installed these two groups of arch frame, please connect the Purlin (No.6) between these two groups of arch frame using Screw M10*80mm (No. 24). There are 13 pieces of purlins (No. 6) between each two groups. By turns, after install other groups of arch frame and purlin, the assembly of the main frame is finished.

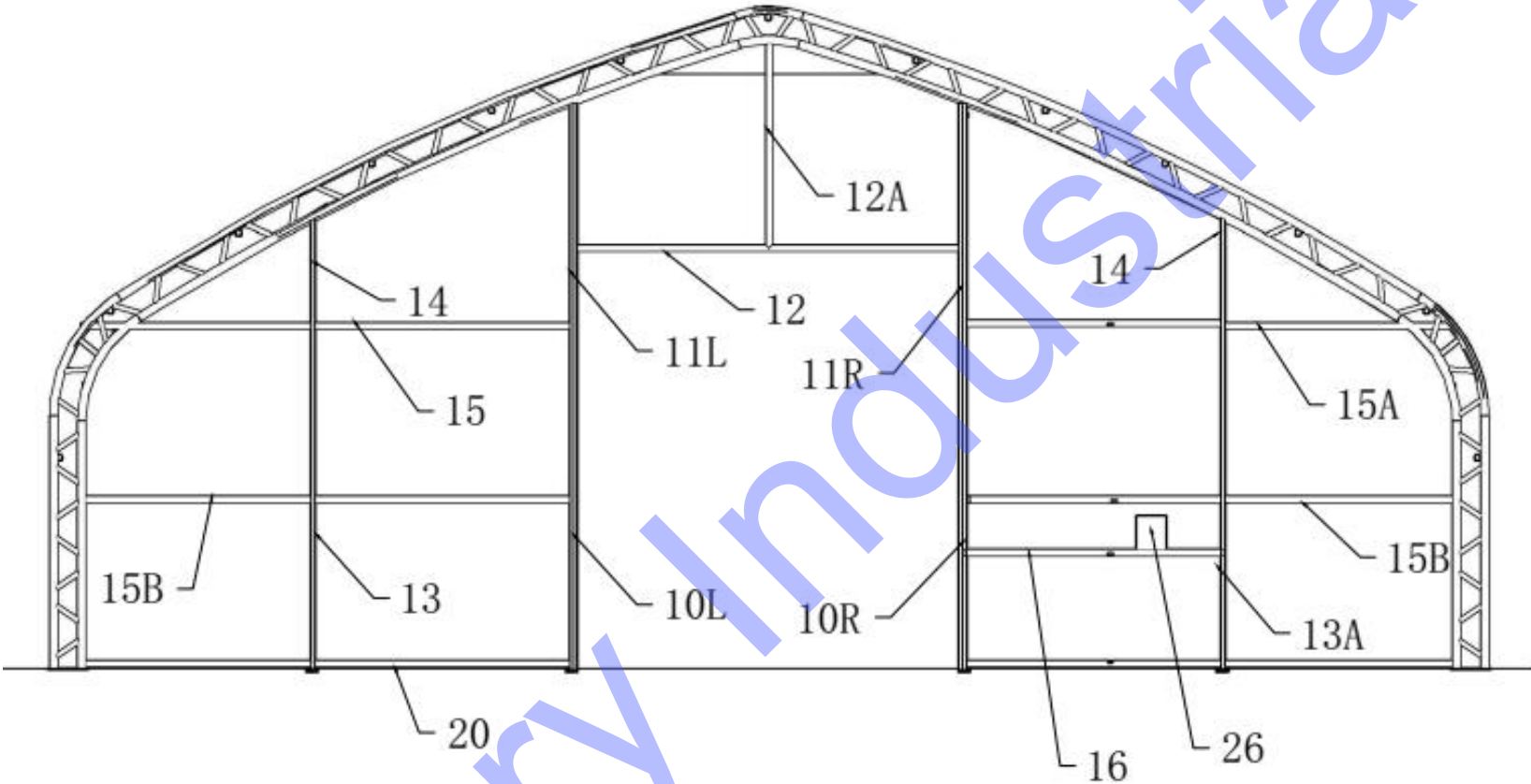


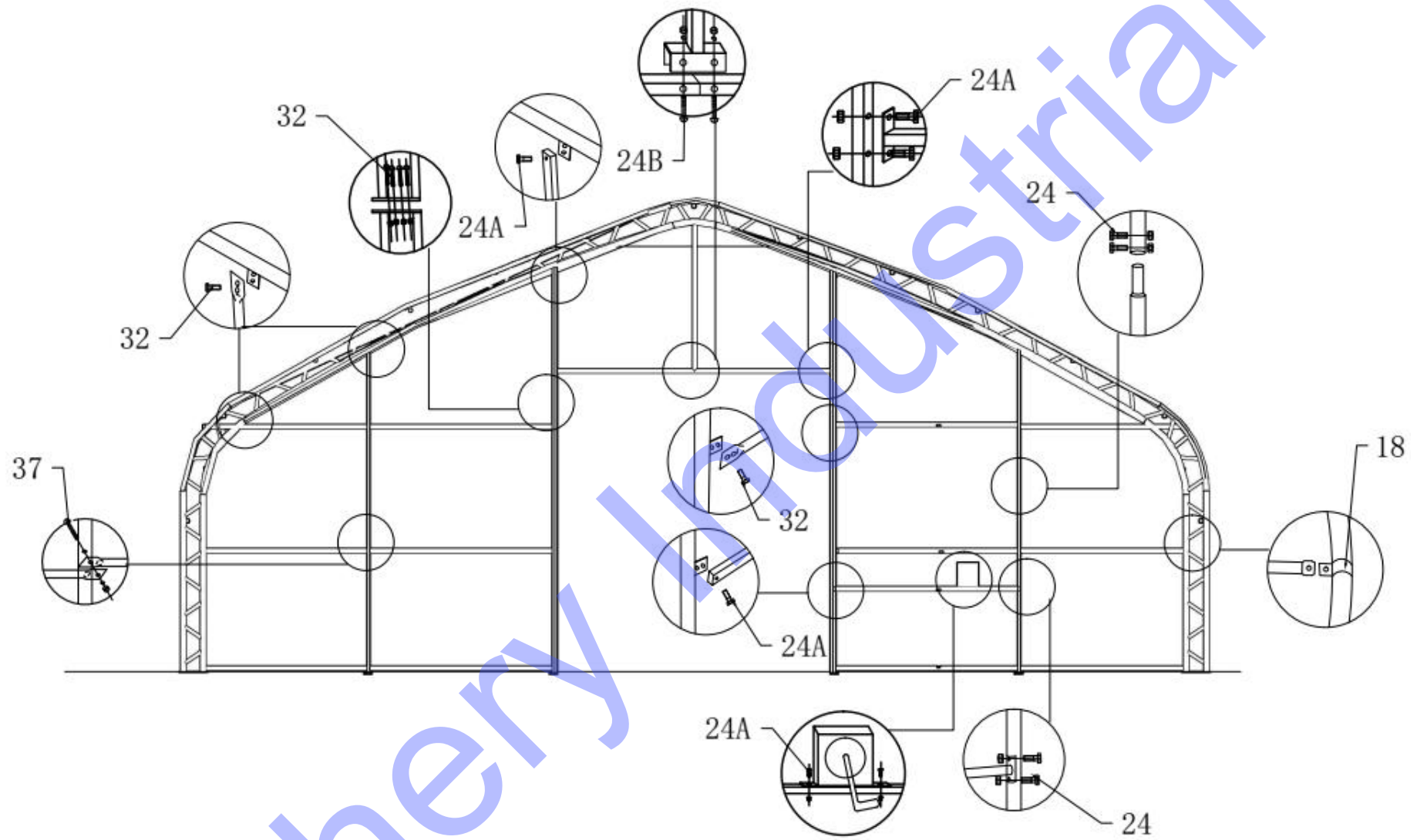


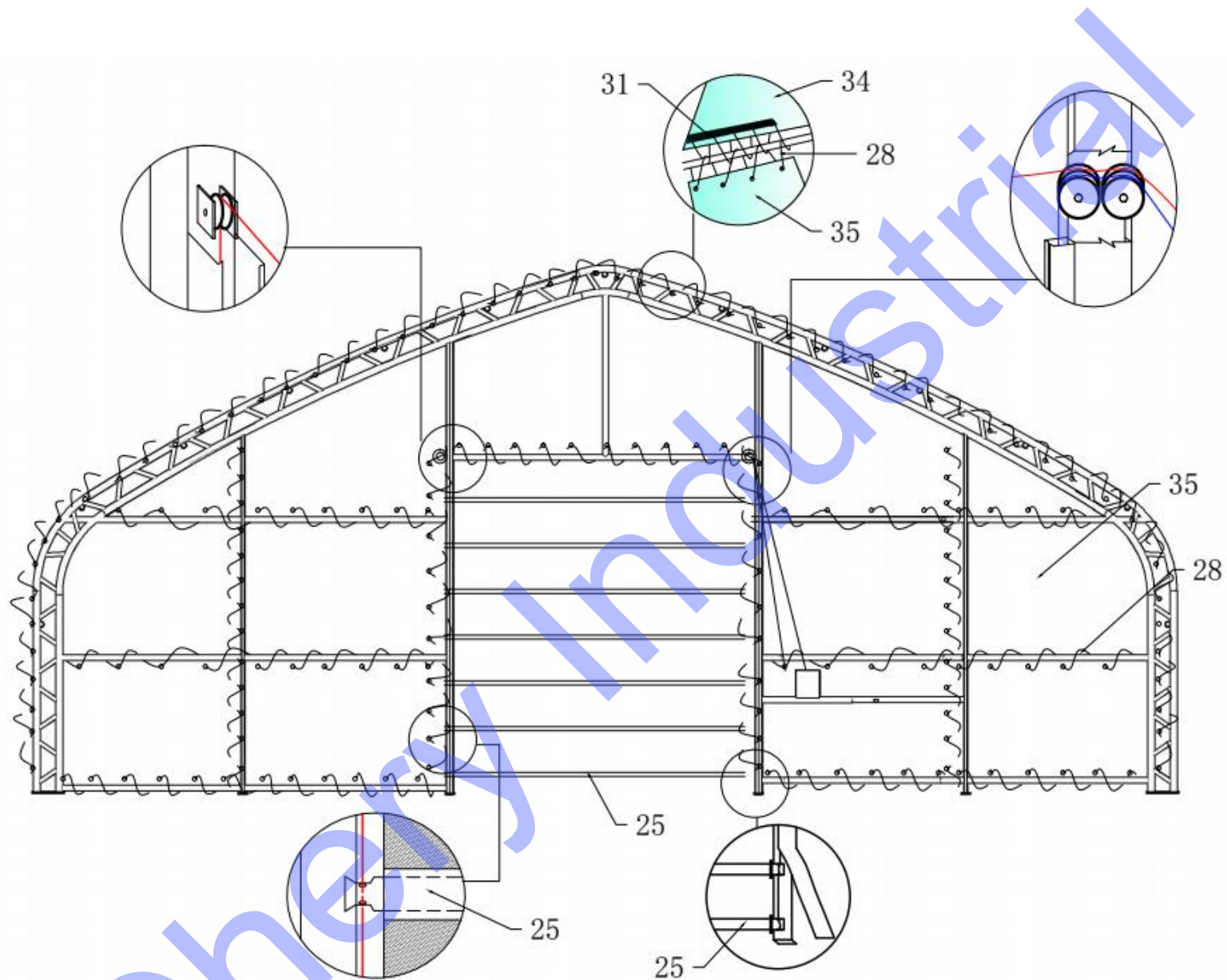


Sketch Frame Figure (W15.25xL30.5xH7m)

C—DOOR FRAME AND COVER INSTALLATION





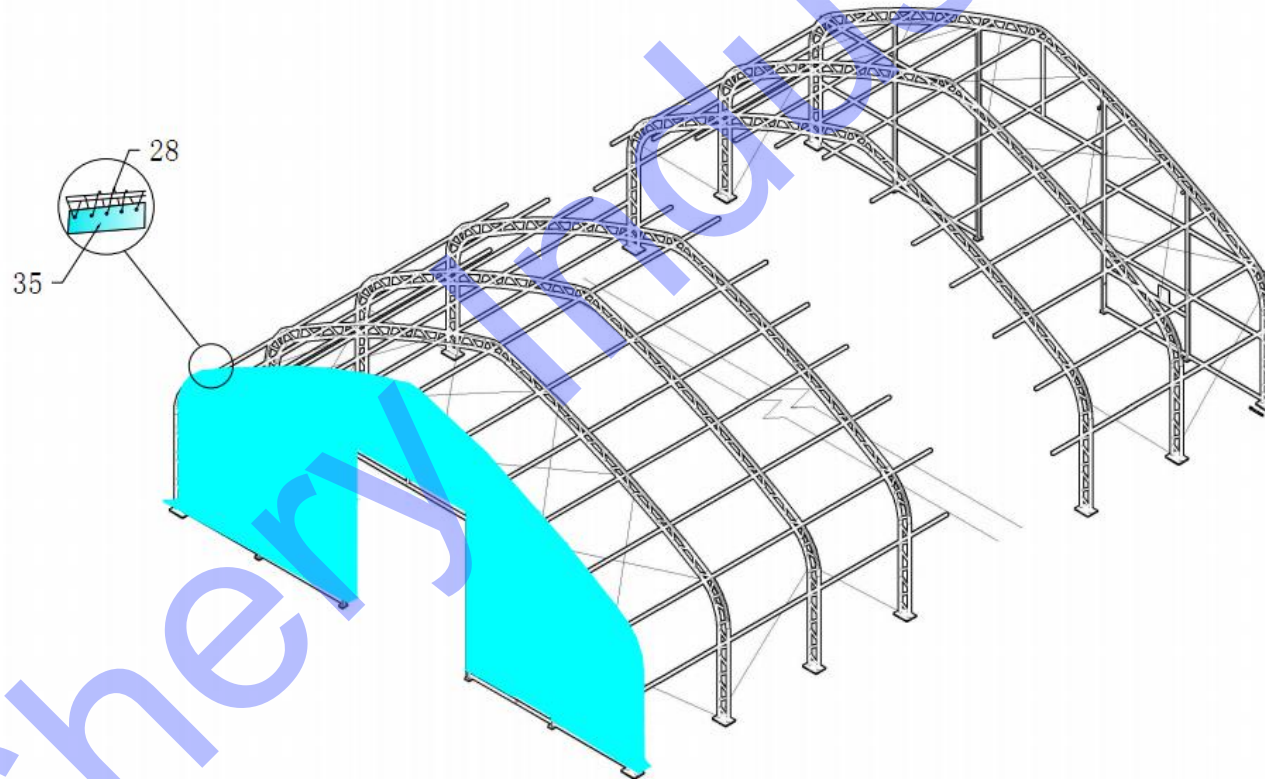


Front and Back Door Frame Figure

1. Install the front and rear door frame following the **Figure above** and **Sketch Frame Figure** by using Screw M10*60mm (part No. 24B), Door beam on both doors (Part No.12) & Diagonal Bracing Tube of Doors (part No. 12A) and other connect tubes for doors with clips and right Bolts. Finally install the Tension Tube for Front and back Wall (part No.20).

2. Insert the Hanging Heavy Tube for Door (part No.25) into the Cover for Front and back Door (part No.35). Thread the Steel Wire for Door Frame (part No.18) into each group of Hanging Heavy Tube for Door (part No.25), then install one front door cover (part No.35) on the door frame and knit all this cover to the tubes. Finally tie the Steel Wire for Door onto the Mechanical wheel (part No.26).

3. Finally put on the Front Wall Cover and knit it like the Figure as below by using Rope. (It shows the inside of the cover).

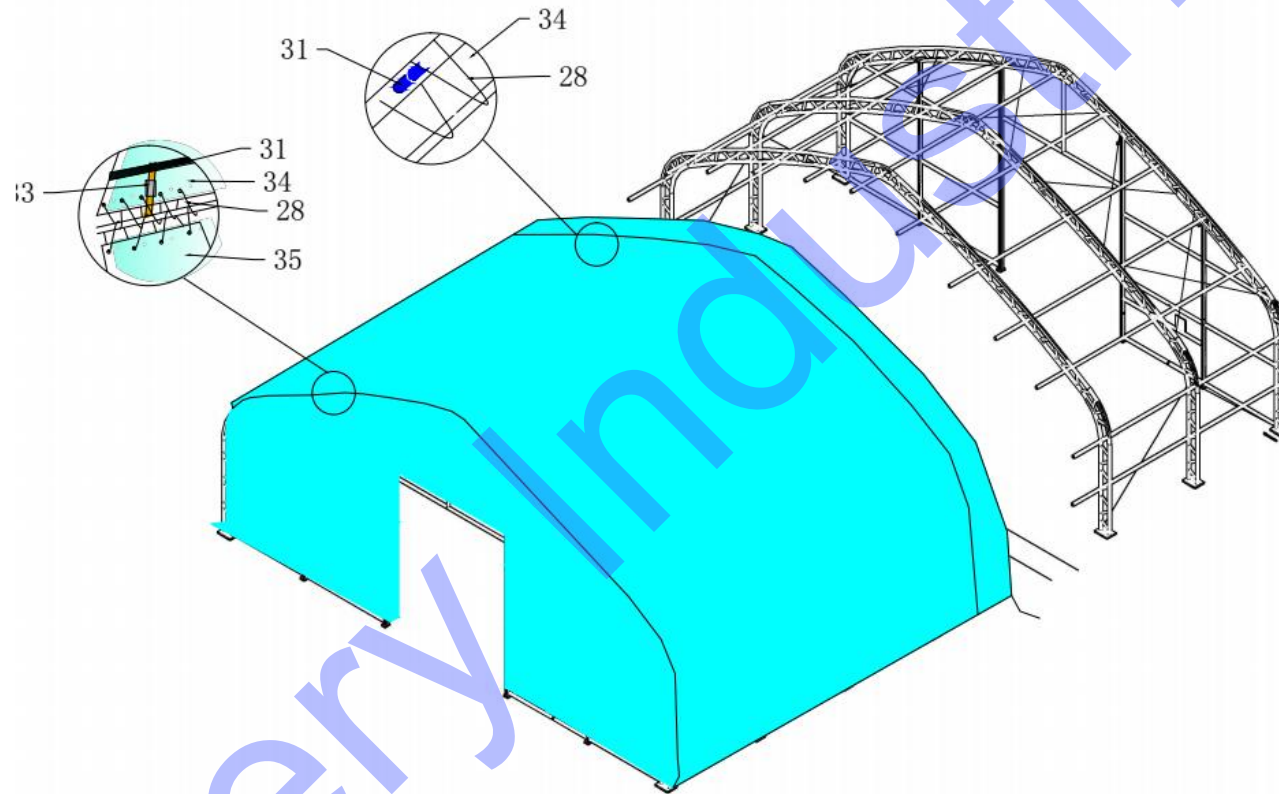


Front and Back Cover Figure

1. Install the Back Door Cover and Back Wall Cover like the Step of installing Front Door Cover and Front Wall Cover.
2. Install all the Steel Wire (part No.17) and (part No.19) by using clips and bolts referring the above **Sketch Frame Figure.**

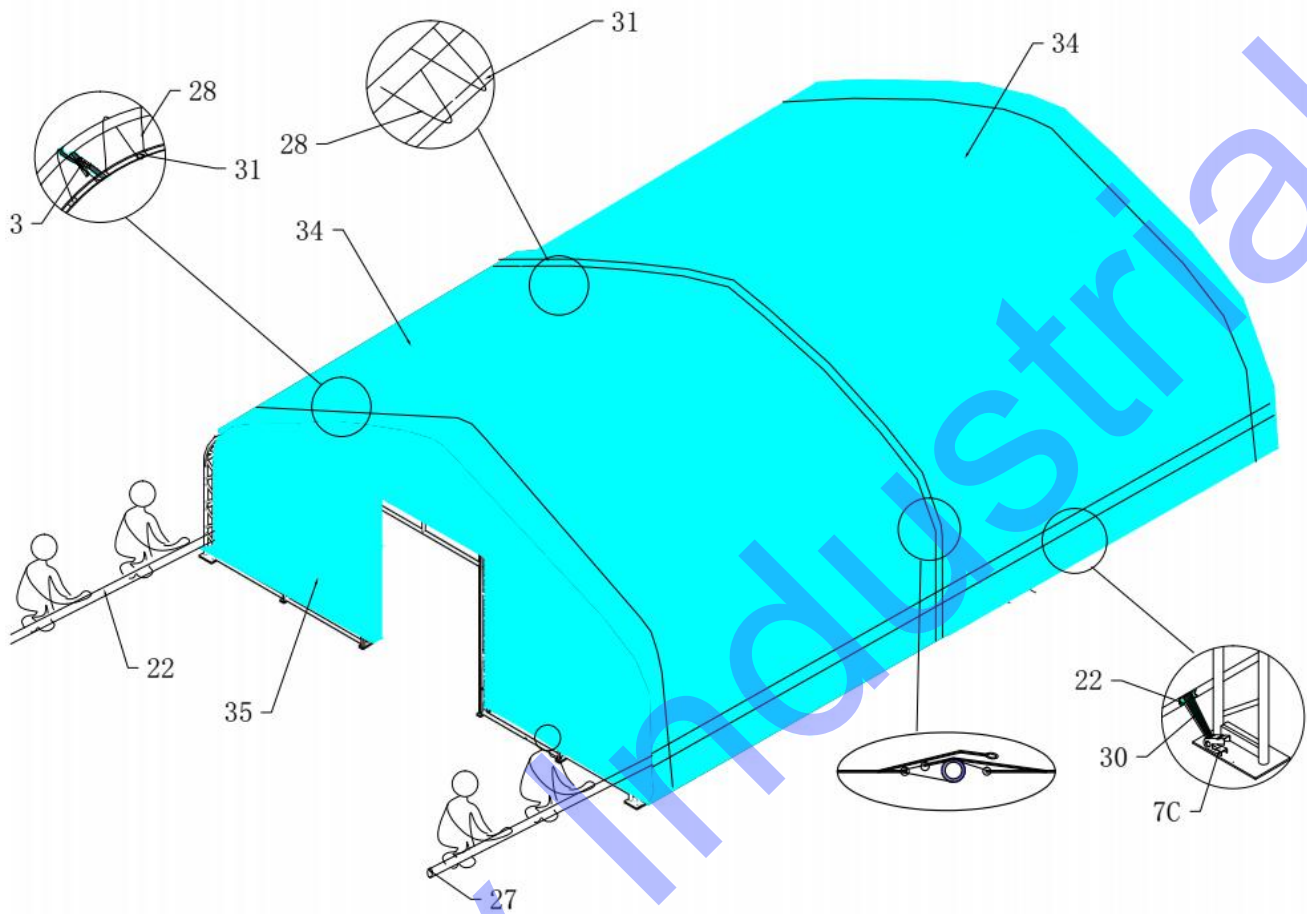
D—ROOF COVER INSTALLATION

NOTE: DO NOT install the cover onto the frame of your building in high wind conditions. A slight breeze is the most advantageous for cover installation. To take advantage of the breeze, pull the cover up over the arches with the breeze blowing in the cover like a sail filled with air.



1. Pull the Roof Cover over the frame **EVENLY, CAREFULLY AND SLOWLY**. Insert the Tension Tubes for Roof Cover (No.22) and PVC tube (No. 21) into the two edges of Roof Cover pipe pockets and cut 11 pockets respond to each inner base plate. Loosely secure the Nylon Band (No.30) in the Ratchet (No.7C).
2. Install the Plastic Plug (part No.27) into all the ends of tubes, then put on the Roof Cover (part No.34) and Knit it using Ropes (part No.28).

DO NOT TIGHTEN. Adjust the cover so that it is square and evenly centered on the frame. Put on and fix the roof cover together with front cover, as same as the back cover. Insert the Lower Tensioning Tube & PVC tube(part No.31), fix them by using Small Ratchet (part No.33). Finally knit them using rope as the figure below.



Note: The end flaps must overhang evenly at both ends.

With the end flaps flipped back and out of the way, use the supplied rope to tighten the roof cover to the end arches. The rope should be cut as your requirements when using. The recommended procedure is to use separate pieces of rope and start by first lacing the cover from the bottom edges up to the top center. Secure the ropes at the top center and tent apply tension as you lace down both sides. Fasten the rope at the bottom edge. Put the Band (No.30) onto the tubes where the notches are. Pull the Nylon Band through the reels of winches. Drive the Ratchet Tie Down forth and back, and then the roof cover is tightened.

NOW THE INSTALLATION IS FINISHED, PLEASE ASJUST THE BASE PLATES E VERY MONTH.